

FINAL POLREP

EPA Region 5 Records Ctr.



279403

Date: August 4, 1992
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Subject: Chicago Industrial Waste Haulers site
POLREP #: Final
Site No.: FB
Response Auth.: PRP Removal
NPL Status: NON-NPL
Fund Lead Start Date: May 25, 1989
PRP Takeover Date: July 19, 1989
PRP Completion Date: March 20, 1992

SITUATION:

The Chicago Industrial Waste Haulers (CIWH) site is an abandoned waste oil storage facility located at 4206 Shirley Lane in Alsip, Cook County, Illinois, (coordinates 41° 40' 30" longitude; 87° 43' 30" latitude) in a mixed residential and industrial area. In operation from 1950 through 1986, the site was used as a storage facility for waste materials derived from the cleaning of industrial petroleum tanks. The site is currently under the control of Pollution Control Industries of America (PCIA).

A Spill Prevention Control and Countermeasure (SPCC) inspection at the CIWH site in March 1989 first brought the site to the U.S. EPA's attention. A site assessment conducted later that month by the U.S. EPA and TAT documented the presence of 24 above-ground storage tanks with PCB and flammable labels, as well as numerous unlabelled drums on-site.

In April 1989, the U.S. EPA issued an unilateral Administrative Order (AO) to PCIA requesting that the company assume responsibility for the clean-up activities at the site. PCIA failed to respond within the terms as specified in the AO, and the U.S. EPA commenced a fund lead removal action at the CIWH site. This removal action, completed in June 1989, consisted of the pumping and disposal of all liquid hazardous wastes in the on-site storage tanks. PCIA participated in the removal activities to some extent. The PRP provided security for the site during off-hours, and funded the transportation and disposal of the waste.

In addition to the disposal of the wastes stored in the tankers, the AO also required that the extent of contamination in on-site soils be addressed in a comprehensive site investigation.

On July 19, 1989, PCIA agreed to take over responsibility for the remaining removal activities at the CIWH site including the decommissioning and disposal of all the storage tanks and the sampling of on-site soils. PCIA and various subcontractors established a sampling grid consisting of 105 sampling points. In July 1990, PCIA collected surface soil samples at each point on the grid. A total of 31 samples contained detectable PCB concentrations ranging from 1.2 to 32 ppm.

ACTIONS TAKEN:

On July 8, 1991, the U.S. EPA and TAT collected nine surface soil samples at the CIWH site in an effort to verify the PCB concentrations reported by the PRP. Analytical results indicated PCB contamination at levels greater than the U.S. EPA-recommended clean-up level of 20 ppm. These areas contained Aroclor 1248 and 1260 at concentrations up to 50 ppm and 120 ppm respectively.

On December 16, 1991, the U.S. EPA and TAT oversaw the excavation of one of the two contaminated areas on-site. TAT collected soil samples from the excavated grid area, as well as from four areas not previously sampled. Analytical results indicated total PCBs of 41.1 and 446.6 ppm in two grid samples after excavation. In addition, a total PCB level of 80.3 ppm was detected in one of the newly sampled areas.

During the month of February 1992, TAT oversaw soil excavation activities at the CIWH site. Soil was excavated on four separate occasions, and PCIA collected screening samples after each excavation. Excavation activities continued until analytical results of screening samples indicated that all met the U.S. EPA-recommended clean-up level.

On March 20, 1992, the OSC, TAT, and PCIA representatives met on-site to conduct final confirmation sampling. Samples were collected from each of the gridded areas, as well as from three areas not previously sampled. All samples were split between the U.S. EPA and PCIA and analyzed for PCBs. Analytical results of both sets of splits indicated that none of the areas sampled on-site contained PCB levels above the EPA-recommended limit of 20 ppm.

NEXT STEPS:

The OSC and TAT are currently awaiting a final PRP report from PCIA. Upon receipt and review of this report, TAT will complete a final letter report.

ESTIMATED COSTS:

	<u>COSTS TO DATE</u>
ERCS Costs*	\$11,702
<u>TAT Costs**</u>	<u>\$16,320</u>
TOTAL	\$28,022

*From ERCS Invoice #1 dated 08/29/89.
Fund Lead Phase costs -- May through July 1989.

**From TDD printout week ending 07/25/92.
TAT costs are for Ecology & Environment, inc.
Weston TAT costs are not included in this figure.